

# TENDER

TENDER NOTIFICATION NO. - FCX/23241003

FOR

**Name of Work:- Installation of overhead walkways,  
roofing accessories & other allied works in Golden  
Jubilee Block (GJB) inside factory area.**

**PRICE BID**



**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION**

**BHARAT HEAVY ELECTRICALS LIMITED**

**(A Government of India Undertaking)  
BHOPAL – 462 022 (M.P.)**

## **PREAMBLE OF PRICE BID**

**1.0** This Price Bid consists of Three Schedule:

### **1.1 Schedule A**

Schedule A combining of Two Annexure:

The evaluation currency for this tender shall be INR. Total price of the package combining of Annexure I & Annexure II to be quoted by the bidders which shall form the basis for comparison for deciding lowest bid. For further processing and award, total quoted amount by the L1 (lowest) bidder for the package shall be used for deriving individual item rate by BHEL based on % (percentage) weightage specified at Annexure I & Annexure II of Price Schedule.

### **1.2 Schedule B**

It consists of details of free issue materials by BHEL.

### **1.3 Schedule C**

It consists of details of tools & tackles provided by BHEL either on higher basis or on free of cost basis which are mentioned in price bid.

**2.0** The work to be carried out under the contract shall, except as otherwise provided in tender conditions, include all labour, materials, tools, plant, equipment, and transport which may be required in preparation of and for full & entire execution and completion of the Works. The descriptions given in the Schedule of Quantities shall, unless otherwise stated, be held to include waste on materials, carriage and cartage, carrying in return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion as aforesaid in accordance with good practice and recognized principles as laid down in Technical Specification & elsewhere in Tender Specification.

**3.0** The price bid should not contain any condition. Conditional price Bids shall be summarily rejected.

**4.0** The bidder should not leave any column blank in Price Schedules.

**5.0** Price Quoted shall include all taxes, & duties except GST.

**6.0** Unless otherwise specified in the items involving reinforcement steel or structural steel, these items shall be issued free of cost by BHEL.

**FACTORY CIVIL CONSTRUCTION & MAINTENANCE DIVISION****Price Schedule**

**Name of Work:- Installation of overhead walkways, roofing accessories & other allied works in Golden Jubilee Block (GJB) inside factory area.**

**SUMMARY**

	Details ANNEXURE	Total Amount (Rs.)
	Total price of the package combining of Annexure-I & Annexure-II.	

Amount in words: Rs.

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**NOTE:**

- 1** The evaluation currency for this tender shall be INR. Total price of the package combining of Annexure-I & Annexure-II to be quoted by the bidders which shall form the basis of comparison for deciding lowest bid.  
For further processing & award total quoted Amount for the package by the L1 (lowest bidder shall be used for deriving Individual item rate by BHEL based on % (percentage) weightage specified at Annexure-I & Annexure-II of Price Schedule.
- 2** In case of “discrepancy in words and figures”, the same shall be adjusted in accordance with following rule:
  - (a)** If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
  - (b)** If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected.
  - (c)** If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
  - (d)** If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

## TENDER NOTIFICATION NO. - FCX/22231003

## Schedule A

## Annexure I

**Name of Work:- Installation of overhead walkways, roofing accessories & other allied works in Golden Jubilee Block (GJB) inside factory area.**

S. No.	DSR'12	ITEM DESCRIPTIONS	Qty.	Unit	% Weightage of item amount against total amount
1		Carriage of material up to 1 km lead by Mechanical transport including, loading, unloading & stacking -1 Km lead			
	1.1.11	Steel	1.00	Tonne	0.0019
16	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	1000.00	kg	0.0333
1	Ana	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade			
	14.54.1	One or more coats on old work	2500.00	sqm	2.6128
			Total of ANN-I		2.65

**Schedule A**ANNEXURE-II

**Name of Work:- Installation of overhead walkways, roofing accessories & other allied works in Golden Jubilee Block (GJB) inside factory area.**

S.No.	ITEM DESCRIPTION	Qty.	Unit	% Weightage of item amount against total amount
1	Supply & fixing of flashings, ridges, cappings, corner pieces etc. made of 0.5mm TCT plain galvalume steel sheet in required shape & size & fixed with stitching screw complete at a maximum height up to 35.00 m as per the instruction of Engineer-in-charge.	20.00	Rmt.	0.2627
2	Providing & fixing in position including fabricating and erecting structural steel works at all heights comprising sag rods floor beams, columns, girders, rails bracings, clamps, purlins with channels & angles, gutters with M.S. Plates, M.S. Flat supports including all connections as per detailed drawings connected steel works etc., cleats, gusset plates all bolts, nuts washers base plates anchor bolts etc., as per detailed drawings cutting welding and painting 2 coats of red oxide primer before erection & 2 coats of synthetic enamel paint of approved brand & colour after erection complete. Advani made electrodes or other approved make electrodes are to be used. All bolts nuts washers, gas, electrodes, Primer, paints are in contractor's scope. Fabrication to be done as per I. S. Codes of latest revision. <b>Structural Steel will be provided free of cost by BHEL.</b>			
	a) Only fabrication	48000.00	Kg	23.0672
	b) Only erection	48000.00	Kg	11.2445

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S.No.	ITEM DESCRIPTION	Qty.	Unit	% Weightage of item amount against total amount
3	Providing and fixing fire retardant and U.V. resistant profiled and solid transparent embossed polycarbonate sheet of minimum 3 mm thick with profile to match with that of adjacent galvalume sheets on roof with self drilling/self stitching fasteners with EPDM seal for transmission of light, fixing of the sheet to the existing support system underneath as per the standard practice complete and as directed by engineer-in-charge. The solid transparent polycarbonate sheet shall be free from scratches and other surface damage and it shall be UV treated and tested as per relevant ASTM or DIN or AS etc. as the case may be.	530.00	Sqm	35.1508
4	Providing and fixing north/south light fire retardant and U.V. resistant plain and solid transparent embossed polycarbonate sheet of minimum 3 mm thick on MS runner with polymer coated galvanised hexagon heated self tapping self drilling screw with EPDM seal as per manufacturer specification, design and instruction of engineer-in-charge complete. The solid transparent polycarbonate sheet shall be free from scratches and other surface damage and it shall be UV treated and tested as per relevant ASTM or DIN or AS etc. as the case may be. The minimum side overlapping shall be 50 mm.	130.00	Sqm	8.2469
5	Removal of Honey bee hives from building structures, cranes, and lamp posts and from equipment structures at any height by supplying and spraying pesticide i/c all tools and tackles or through other conventional means but taking all safety precautions against fire break-out, damages etc. followed by detaching the hives from the said structures as per the instruction of the engineer-in-charge.	100.00	Per number of bee hive	0.951

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S.No.	ITEM DESCRIPTION	Qty.	Unit	% Weightage of item amount against total amount
6	Providing & fixing South/North light curve in required girth with 0.5 mm TCT coloured galvalume sheet with length of south/north light curve equal to maximum width of Galvalume sheet fixed to the steel members with self drilling/self stitching fasteners at maximum spacing of 500 mm c/c along length of capping, flashing etc complete as directed by Engr-in-charge. The curved width of south/ north light curve shall be as per drawing/ site condition and instructions of Engineer-in-charge .	280.00	Sqm	7.5268
7	Dismantling of north/south light fire retardant and U.V. resistant plain/ profiled and solid polycarbonate sheet of minimum 3 mm thickness from height of up to 35 m including stacking within 50 mtr lead with all tools and tackles complete as per direction of Engineer In-Charge.	660.00	Sqm	3.8496
8	Dismantling of South/North light curve/ metal sheet flashings/ Ridges from height of up to 35 m including stacking within 50 mtr lead with all tools and tackles complete as per direction of Engineer In-Charge.	270.00	Sqm	1.5748
9	Dismantling and refixing of South/North light curve from height of up to 35 m in required girth with 0.5 mm TCT coloured galvalume sheet with length of south/north light curve equal to maximum width of Galvalume sheet fixed to the steel members with self drilling/self stitching fasteners at maximum spacing of 500 mm c/c along length of capping, flashing etc complete as directed by Engr-in-charge. The curved width of south/ north light curve shall be as per drawing/ site condition and instructions of Engineer-in-charge . <b>(Dismantled curves are to be reused)</b>	400.00	Sqm	5.4777
		Total of ANN-II		97.35
		Total of ANN-I & ANN-II		100.00

**SCHEDULE-B**

**Name of Work:- Installation of overhead walkways, roofing accessories & other allied works in Golden Jubilee Block (GJB) inside factory area.**

The following material free issue from BHEL stores.

- 1 Structural steel

Note:- If the contractor fails to return to the department unconsumed portion of total quantities of respective free issue materials after completion of this work or as and when instructed by the Engineer-in-charge , penalty at twice the respective material cost as given in CPWD's DSR-2012 shall be imposed on him which shall be deducted from his bill(s). In case the materials cost is not available in DSR-12 , recovery against such materials shall be done @ twice the material cost as indicated in PO placed by BHEL.

**SCHEDULE-C**

**Name of Work:- Installation of overhead walkways, roofing accessories & other allied works in Golden Jubilee Block (GJB) inside factory area.**

- 1 Hire charges.
    - i) Drill machine @ 252.00/- per day
    - ii) Jack Hammer @108.00/- per day
  - 2 Drill machine/jack hammer rod Rs. 100.00 per rod
  - 3 Electricity charges at Rs.66.00/- per M.T. of fabrication of structural steel
- } (Subject to availability)